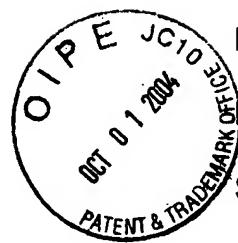


10-04-04

1639  
JFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: George R. Newkome

Serial No.: 10/049,259

Group Art Unit: 1639

Filed: 04/23/02

Examiner: SHIBUYA, MARK LANCE

For: PERFORMANCE OF ENERGY STORAGE DEVICES:  
POTENTIAL AREAS OF DENDRITIC CHEMISTRY  
INVOLVEMENT

Attorney Docket No: 0152.00427

**SUPPLEMENTAL RESPONSE**

Commissioner for Patents  
Mail Stop Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is a supplemental response to the Office Action dated August 19, 2004, Paper number 08092004.

Restriction to one of the following Groups was required under 35 USC §121:

- I. Claims 1-3, drawn to a compound of the formula of claim 1 and method of making the compound of claim 1;
- II. Claims 4 and 5, drawn to a method of making dendrimer frameworks;
- III. Claim 6, drawn to a monomer of the formula of claim 6;
- IV. Claims 7 and 8, drawn to a dendrimer including a single ligating moiety bound to a surface of each quadrant of said dendrimer;
- V. Claim 9, drawn to a dendrimer nanocrystallite;
- VI. Claims 10-16, drawn to a method of making metallo-based

(macro)molecules including the steps of selecting bipyridal- or terpyridal-based ligands, combining monomers with connecting metals, and self assembling macrocycles wherein the monomers are interconnected by the metals; and

VII. Claims 17-22, drawn to a compound of a fractal-like, planar organometallic array.

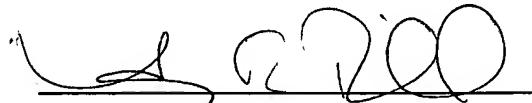
Applicants provisionally elect Group II, claims 4 and 5 for prosecution purposes, with traverse. Applicants hereby conditionally withdraw claims 1-3 and 6-22 from prosecution, without prejudice, and request reconsideration of the restriction requirement.

Applicants traverse the restriction requirement based on the following grounds. It is respectfully submitted that the restriction requirement practice was established to promote efficiency of prosecution in the Patent Office. All of the groups of claims relate to a dendritic chemistry and methods of using such chemistry to create energy storage devices. It is respectfully submitted that examination of all of the claims in a single application would be efficient, thereby promoting the grounds for the establishment of the restriction requirement practice. Hence, it is respectfully submitted that restriction should not be required and that Applicants have traversed the restriction requirement. However, as stated above, Applicants have elected the claims of Group II and provisionally withdrawn claim 1-3 and 6-22, without prejudice, pending reconsideration of the restriction requirement.

Additionally, the Office Action has held that Applicants must elect a single species with regard to claims 17, 18, 21, and 22. In order to further prosecution, Applicants elect iron (Fe).

The application is now in condition for allowance, which allowance is respectfully solicited.

Respectfully submitted,  
KOHN & ASSOCIATES, PLLC



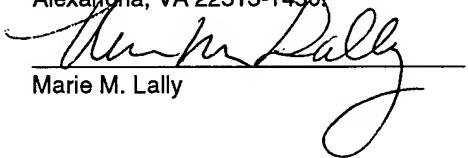
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Dated: October 1, 2004

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

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Date of Deposit: October 1, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop: Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Marie M. Lally